

INFORMATION REPORT

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SUPPLEMENT TO REPORT NO. 25X1

COUNTRY USSR (Krasnoyarsk Krai)

SUBJECT Power Station at Norilsk

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25X1

1. The TETs (thermal power station) in the center of Norilsk (69-20N, 88-06E), Krasnoyarsk Krai, was on a conspicuous hill. The plant had railroad connections. Work on the construction of the plant was started in 1941. In February 1950 the plant had a turbine house, which covered an area of 180 to 200 x 48 meters and was 22 meters high. It was equipped with a Latvian turbine of 25,000 kw, an American turbine of 25,000 kw, a German 50,000-kw turbine, a British 22,000-kw turbine, and a Japanese 80,000-kw turbine not yet in operation. The plant's boiler house, 100 x 40 to 60 x 56 meters, which was 100 x 40 to 60 meters in area and 56 meters high was equipped with six Soviet boilers, each of 40 atmospheres pressure. The plant also had a transformer installation.

2. The turbine house and the boiler plant were being enlarged in February 1950. It was planned that the plant would have a total of 19 turbines and 21 boilers. Four British turbines which were to be installed at the plant were stored in the harbor of Krasnoyarsk (56-02N, 92-48E). The plant had a rated capacity of 12,000 kw which was to reach 202,000 kw when the fifth turbine went into operation in the near future. The capacity of the 14 turbines to be installed was not identified. The coal required by the plant arrived by rail from the collieries near the town. The four turbines which were in operation in February 1950 had a daily consumption of 760 tons of coal. *

* Comment. The power station reported apparently is the TETs which was built during the war for a capacity of 75,000 kw. The statement that the four turbines in operation consumed daily 760 tons of coal contradicts the capacity data of the turbines mentioned. An amount of 760 tons would at best be sufficient to produce 50,000 kw.

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